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PASSWORD:

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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 JAN 06 The retention policy for unread STNmail messages  
will change in 2009 for STN-Columbus and STN-Tokyo  
NEWS 4 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent  
Classification Data  
NEWS 5 FEB 02 Simultaneous left and right truncation (SLART) added  
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 6 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 7 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 8 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 9 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 10 FEB 19 New patent-examiner citations in 300,000 CA/CAPLUS  
patent records provide insights into related prior  
art  
NEWS 11 FEB 19 Increase the precision of your patent queries -- use  
terms from the IPC Thesaurus, Version 2009.01  
NEWS 12 FEB 23 Several formats for image display and print options  
discontinued in USPATFULL and USPAT2  
NEWS 13 FEB 23 MEDLINE now offers more precise author group fields  
and 2009 MeSH terms  
NEWS 14 FEB 23 TOXCENTER updates mirror those of MEDLINE - more  
precise author group fields and 2009 MeSH terms  
NEWS 15 FEB 23 Three million new patent records blast AEROSPACE into  
STN patent clusters  
NEWS 16 FEB 25 USGENE enhanced with patent family and legal status  
display data from INPADOCDB  
NEWS 17 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display  
formats  
NEWS 18 MAR 11 EPFULL backfile enhanced with additional full-text  
applications and grants  
NEWS 19 MAR 11 ESBIOBASE reloaded and enhanced  
NEWS 20 MAR 20 CAS databases on STN enhanced with new super role  
for nanomaterial substances  
NEWS 21 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent  
equivalents from China  
NEWS 22 MAR 30 IMSPATENTS reloaded and enhanced  
NEWS 23 APR 03 CAS coverage of exemplified prophetic substances  
enhanced  
NEWS 24 APR 07 STN is raising the limits on saved answers

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:01:30 ON 14 APR 2009

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 14:02:09 ON 14 APR 2009

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STRUCTURE FILE UPDATES: 13 APR 2009 HIGHEST RN 1134263-89-0

DICTIONARY FILE UPDATES: 13 APR 2009 HIGHEST RN 1134263-89-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> E "IMATINIB"/CN 25

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E2	1	IMASORB G 700/CN
E3	1 -->	IMATINIB/CN
E4	1	IMATINIB MESILATE/CN
E5	1	IMATINIB MESYLATE/CN
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E8	1	IMAWOOD/CN
E9	1	IMAXILIN/CN
E10	1	IMAZABENZ/CN
E11	1	IMAZALIL/CN
E12	1	IMAZALIL HYDROCHLORIDE/CN
E13	1	IMAZALIL NITRATE/CN
E14	1	IMAZALIL PHOSPHATE/CN
E15	1	IMAZALIL SULFATE/CN

E16 1 IMAZALIL-BOSCALID MIXT./CN  
 E17 1 IMAZALIL-CARPROPAMID MIXT./CN  
 E18 1 IMAZALIL-CHLORFENAPYR MIXT./CN  
 E19 1 IMAZALIL-EPOXICONAZOLE MIXT./CN  
 E20 1 IMAZALIL-IKI 220 MIXT./CN  
 E21 1 IMAZALIL-PIPERONYL BUTOXIDE MIXT./CN  
 E22 1 IMAZALIL-TEBUCONAZOLE MIXT./CN  
 E23 1 IMAZALIL-THIABENDAZOLE MIXT./CN  
 E24 1 IMAZALIL-TOLYLFLUANID MIXT./CN  
 E25 1 IMAZAMETH/CN

=> S E3

L1 1 IMATINIB/CN

=> DIS L1 1 SQIDE

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 152459-95-5 REGISTRY

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)

OTHER NAMES:

CN 4-(4-Methylpiperazin-1-ylmethyl)-N-[4-methyl-3-[[4-(pyridin-3-yl)pyrimidin-2-yl]amino]phenyl]benzamide

CN CGP 57148

CN Imatinib

MF C29 H31 N7 O

CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CIN, DDFU, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PATDPASPC, PROMT, PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(\*File contains numerically searchable property data)

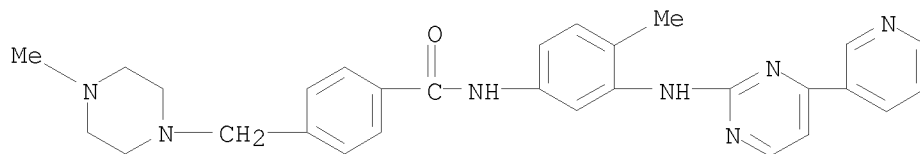
DT.CA CAPLUS document type: Book; Conference; Dissertation; Journal; Patent; Preprint

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); PRPH (Prophetic); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); PRP (Properties); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1774 REFERENCES IN FILE CA (1907 TO DATE)

27 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1790 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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E6	1	IMAVATE/CN
E7	1	IMAVEROL/CN
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E9	1	IMAXILIN/CN
E10	1	IMAZABENZ/CN
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E12	1	IMAZALIL HYDROCHLORIDE/CN
E13	1	IMAZALIL NITRATE/CN
E14	1	IMAZALIL PHOSPHATE/CN
E15	1	IMAZALIL SULFATE/CN
E16	1	IMAZALIL-BOSCALID MIXT./CN
E17	1	IMAZALIL-CARPROPAMID MIXT./CN
E18	1	IMAZALIL-CHLORFENAPYR MIXT./CN
E19	1	IMAZALIL-EPOXICONAZOLE MIXT./CN
E20	1	IMAZALIL-IKI 220 MIXT./CN
E21	1	IMAZALIL-PIPERONYL BUTOXIDE MIXT./CN
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E24	1	IMAZALIL-TOLYLFLUANID MIXT./CN
E25	1	IMAZAMETH/CN

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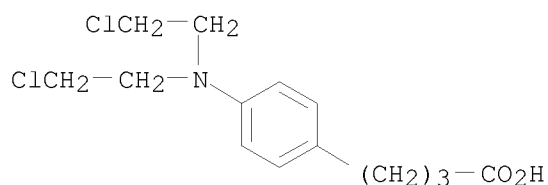
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E2	1	CHLORAMBON/CN
E3	1	--> CHLORAMBUCIL/CN
E4	1	CHLORAMBUCIL 2-(TRIPHENYLMETHOXY)ETHYL ESTER/CN
E5	1	CHLORAMBUCIL ACID CHLORIDE/CN
E6	1	CHLORAMBUCIL HEXYL ESTER/CN
E7	1	CHLORAMBUCIL ISOPROPYL ESTER/CN
E8	1	CHLORAMBUCIL METHYL ESTER/CN
E9	1	CHLORAMBUCIL N-HYDROXYSUCCINIMIDE ESTER/CN
E10	1	CHLORAMBUCIL N-OXIDE/CN
E11	1	CHLORAMBUCIL OCTYL ESTER/CN
E12	1	CHLORAMBUCIL PHENYLETHYL ESTER/CN
E13	1	CHLORAMBUCIL PHENYLMETHYL ESTER/CN
E14	1	CHLORAMBUCIL POTASSIUM SALT/CN
E15	1	CHLORAMBUCIL PROPYL ESTER/CN
E16	1	CHLORAMBUCIL SILVER SALT/CN
E17	1	CHLORAMBUCIL SODIUM SALT/CN
E18	1	CHLORAMBUCIL TERT-BUTYL ESTER/CN
E19	1	CHLORAMBUCIL-B, B-D2/CN
E20	1	CHLORAMBUCIL-ARG-VAL-TYR-ILE-HIS-PRO-PHE/CN
E21	1	CHLORAMBUCIL-ASP-ARG-VAL-TYR-ILE-HIS-PRO-PHE/CN
E22	1	CHLORAMBUCIL-BUSULFAN MIXTURE/CN
E23	1	CHLORAMBUCIL-HIS-PRO-PHE/CN
E24	1	CHLORAMBUCIL-ILE-HIS-PRO-PHE/CN
E25	1	CHLORAMBUCIL-TETRAZOLIUM VIOLET MIXTURE/CN

=> S E3

L2 1 CHLORAMBUCIL/CN

=> DIS L2 1 SQIDE

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 305-03-3 REGISTRY  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Butyric acid, 4-[p-[bis(2-chloroethyl)amino]phenyl]- (8CI)  
 OTHER NAMES:  
 CN  $\gamma$ -[p-Bis(2-chloroethyl)aminophenyl]butyric acid  
 CN  $\gamma$ -[p-Di(2-chloroethyl)aminophenyl]butyric acid  
 CN 4-[Bis(2-chloroethyl)amino]benzenebutanoic acid  
 CN 4-[p-[Bis(2-chloroethyl)amino]phenyl]butyric acid  
 CN Ambochlorin  
 CN Amboclorin  
 CN CB 1348  
 CN Chlorambucil  
 CN Chloraminophene  
 CN Chlorbutin  
 CN Chlorobutine  
 CN Ecloril  
 CN Leukeran  
 CN Leukeran Tablets  
 CN Linfoлизин  
 CN Linfoлизин  
 CN Lympholysin  
 CN NCI 3088  
 CN NSC 3088  
 MF C14 H19 Cl2 N O2  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
 BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST,  
 CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GMELIN\*, HSDB\*,  
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, PHAR, PROMT, PS,  
 RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); PRPH (Prophetic);  
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
 NANO (Nanomaterial); OCCU (Occurrence); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2864 REFERENCES IN FILE CA (1907 TO DATE)  
203 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
2869 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 14:01:30 ON 14 APR 2009)

FILE 'REGISTRY' ENTERED AT 14:02:09 ON 14 APR 2009

E "IMATINIB"/CN 25  
L1 1 S E3  
E "IMATINIB"/CN 25  
E "CHLORAMBUCIL"/CN 25  
L2 1 S E3

=> file medline caplus wpids uspatfull  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.76	15.98

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:03:11 ON 14 APR 2009

FILE 'CAPLUS' ENTERED AT 14:03:11 ON 14 APR 2009

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FILE 'WPIDS' ENTERED AT 14:03:11 ON 14 APR 2009

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FILE 'USPATFULL' ENTERED AT 14:03:11 ON 14 APR 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1 and l2

L3 180 L1 AND L2

=> s l3 and (prd<20021112 or pd<20021112)

'20021112' NOT A VALID FIELD CODE

1 FILES SEARCHED...

3 FILES SEARCHED...

L4 12 L3 AND (PRD<20021112 OR PD<20021112)

=> d l4 1-12 ibib, abs, hitstr

L4 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:359020 CAPLUS

DOCUMENT NUMBER: 146:330827

TITLE: Bile preparations for colorectal disorders

INVENTOR(S): Yoo, Seo Hong

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 24pp., Cont.-in-part of U.S.  
Ser. No. 996,945.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070072828	A1	20070329	US 2006-522162	20060915 <--
US 6251428	B1	20010626	US 1999-357549	19990720 <--
US 20020031558	A1	20020314	US 2001-778154	20010205 <--
US 7303768	B2	20071204		
US 20050158408	A1	20050721	US 2004-996945	20041124 <--
AU 2004325203	A1	20060601	AU 2004-325203	20041124
CA 2588168	A1	20060601	CA 2004-2588168	20041124
EP 1819318	A1	20070822	EP 2004-812094	20041124
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101065110	A	20071031	CN 2004-80044467	20041124
BR 2004019213	A	20071218	BR 2004-19213	20041124
JP 2008521800	T	20080626	JP 2007-543006	20041124
AU 2006203315	A1	20060824	AU 2006-203315	20060803 <--
AU 2006203315	B2	20080828		
IN 2007CN02532	A	20070907	IN 2007-CN2532	20070612
KR 2007098821	A	20071005	KR 2007-714361	20070622

PRIORITY APPLN. INFO.:

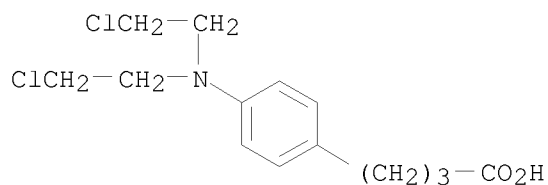
US 1998-94069P	P	19980724 <--
US 1999-357549	A2	19990720 <--
US 2000-180268P	P	20000204 <--
US 2001-778154	A2	20010205 <--
US 2004-996945	A2	20041124
AU 2001-236685	A3	20010205 <--
WO 2004-US39507	A	20041124

AB The present disclosure relates to methods and compns. to ameliorate or treat at least one symptom of colorectal cancer and/or adenomatous polyposis coli (APC). For example, some embodiments of the methods and compns. may reduce recurrence of colorectal adenomas and/or extend the life of a subject having colorectal cancer and/or APC. Some embodiments of the disclosure include maintaining a the total body weight in a subject having colorectal cancer and/or APC. According to some embodiments, a method of the disclosure may include administering a bile acid composition to a subject. A bile acid composition may include, in some embodiments, an aqueous solution that is free or substantially free of ppts. or particles. A aqueous solution may include (1) a bile acid, an aqueous soluble derivative of a bile acid, a bile acid salt, and/or 7-ketolithocholic acid, (2) a carbohydrate, and (3) water. An aqueous composition may further include an alkali.

IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (bile preps. for colorectal disorders)

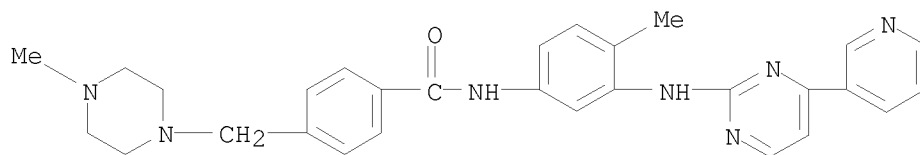
RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1311702 CAPLUS

DOCUMENT NUMBER: 144:57525

TITLE: Coated vaginal devices for vaginal delivery of therapeutically effective and/or health-promoting agents

INVENTOR(S): Wilson, Michelle; Desai, Kishorkumar J.; Pauletti, Giovanni M.; Antoon, Mitchell K.; Clendening, Chris E.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 126,863

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 12

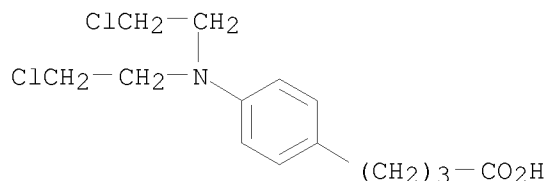
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050276836	A1	20051215	US 2005-180076	20050712 <--
US 6197327	B1	20010306	US 1998-79897	19980515 <--
US 6086909	A	20000711	US 1999-249963	19990212 <--
US 6572874	B1	20030603	US 2000-626025	20000727 <--
NZ 508130	A	20020301	NZ 2000-508130	20001113 <--
AU 765269	B2	20030911	AU 2001-54192	20010703 <--
US 20030049302	A1	20030313	US 2002-226667	20020821 <--
US 6982091	B2	20060103		
US 20040005345	A1	20040108	US 2003-349029	20030122 <--
US 6905701	B2	20050614		
US 20040043071	A1	20040304	US 2003-600849	20030620 <--
US 20050249774	A1	20051110	US 2005-126863	20050510 <--
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			US 2003-600849	A2 20030620
			US 2004-587454P	P 20040712
			US 2005-126863	A2 20050510
			AU 1998-76976	A3 19980610 <--
			NZ 1998-502120	A1 19980610 <--
			US 1999-146218P	P 19990728 <--
			US 2001-315877P	P 20010829 <--
			US 2002-390748P	P 20020621 <--

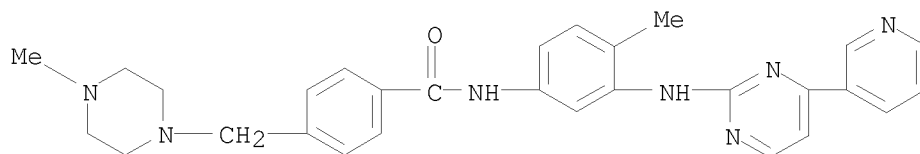
AB Disclosed is a vaginal device for delivering therapeutical and/or health-promoting agents. The vaginal device partly or completely coated by, covered by or combined with a coating or covering comprising a film, foam, strip, cap, cup or particles. The coating of the device comprises a mucoadhesive composition comprising a therapeutical and/or health-promoting agent. For example, sumatriptan vaginal suppository were prepared from Suppocire AS2X, hydroxypropyl Me cellulose as a mucoadhesive agent, and



Transcutol as a permeation enhancer.  
 IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (coated vaginal devices for vaginal delivery of therapeutically  
 effective and/or health-promoting agents)  
 RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)

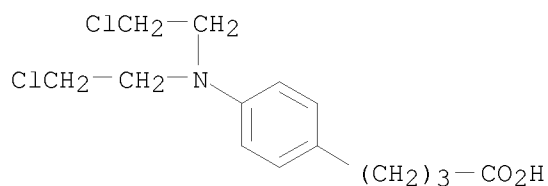


L4 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2005:1875 CAPLUS  
 DOCUMENT NUMBER: 142:92195  
 TITLE: Anti-IGF-I receptor antibodies, fragments and  
 conjugates for cancer research diagnosis and therapy  
 INVENTOR(S): Singh, Rajeeva; Tavares, Daniel J.; Dagdigian, Nancy  
 E.  
 PATENT ASSIGNEE(S): Immunogen Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 84 pp., Cont.-in-part of U.S.  
 Ser. No. 170,390.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

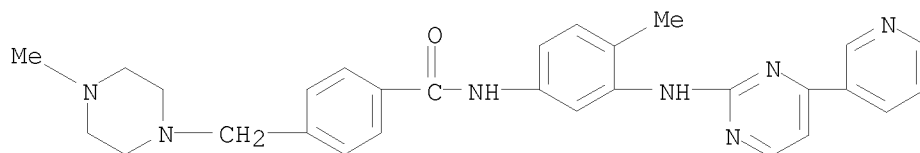
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040265307	A1	20041230	US 2003-729441	20031208 <--
US 20030235582	A1	20031225	US 2002-170390	20020614
CN 1678633	A	20051005	CN 2003-813742	20030612 <--
SG 141243	A1	20080428	SG 2006-2077	20030612 <--
US 20050186203	A1	20050825	US 2004-897406	20040723 <--
US 20050249728	A1	20051110	US 2004-932334	20040902 <--
AU 2004303792	A1	20050707	AU 2004-303792	20041207
CA 2548065	A1	20050707	CA 2004-2548065	20041207
WO 2005061541	A1	20050707	WO 2004-US38230	20041207 <--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
 MR, NE, SN, TD, TG  
 EP 1692176 A1 20060823 EP 2004-811082 20041207  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, TR, BG, CZ, EE, HU, PL, SK, BA,  
 HR, IS, YU  
 CN 1886424 A 20061227 CN 2004-80034889 20041207  
 BR 2004017406 A 20070403 BR 2004-17406 20041207  
 JP 2008502589 T 20080131 JP 2006-543832 20041207  
 MX 2006005540 A 20060817 MX 2006-5540 20060516  
 KR 2007001883 A 20070104 KR 2006-710010 20060523  
 NO 2006003155 A 20060811 NO 2006-3155 20060707  
 IN 2006MN00795 A 20070511 IN 2006-MN795 20060707  
 PRIORITY APPLN. INFO.:  
 US 2002-170390 A2 20020614 <--  
 US 2003-729441 A1 20031208  
 WO 2004-US38230 W 20041207  
 AB Antibodies, humanized antibodies, resurfaced antibodies, antibody  
 fragments, derivatized antibodies, and conjugates of same with cytotoxic  
 agents, which specifically bind to, and inhibit, insulin-like growth  
 factor-I receptor, antagonize the effects of IGF-I, IGF-II and serum on  
 the growth and survival of tumor cells, and which are substantially devoid  
 of agonist activity. Said antibodies and fragments thereof may be used,  
 optionally in conjunction with other therapeutic agents, in the treatment  
 of tumors that express elevated levels of IGF-I receptor, such as breast  
 cancer, colon cancer, lung cancer, ovarian carcinoma, synovial sarcoma,  
 prostate cancer and pancreatic cancer, and said derivatized antibodies may  
 be used in the diagnosis and imaging of tumors that express elevated  
 levels of IGF-1 receptor.  
 IT 305-03-3D, Chlorambucil, antibody conjugates 152459-95-5D  
 , Imatinib, antibody conjugates  
 RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (anti-IGF-I receptor antibodies, fragments and conjugates for cancer  
 research diagnosis and therapy)  
 RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-  
 pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:902199 CAPLUS

DOCUMENT NUMBER: 141:374704

TITLE: Composition and uses of galectin antagonists to augment treatment of cancer or other proliferative disorders

INVENTOR(S): Chang, Yan; Sasak, Vodek

PATENT ASSIGNEE(S): Glycogenesys, Inc., USA

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

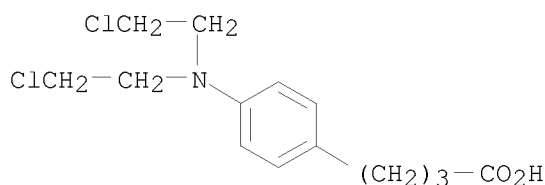
FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

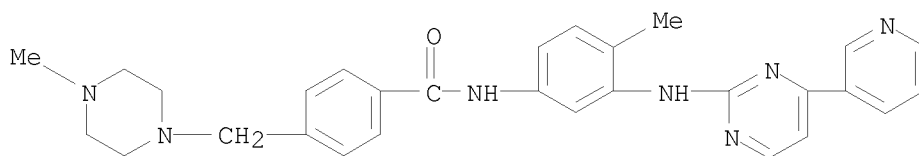
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004091634	A1	20041028	WO 2004-US10675	20040407
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20040023925	A1	20040205	US 2003-408723	20030407 <--
AU 2004229399	A1	20041028	AU 2004-229399	20040407
CA 2521649	A1	20041028	CA 2004-2521649	20040407
US 20040223971	A1	20041111	US 2004-819901	20040407
EP 1617849	A1	20060125	EP 2004-759200	20040407
EP 1617849	B1	20080618		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006522163	T	20060928	JP 2006-509773	20040407
US 20080089959	A1	20080417	US 2007-803150	20070511
PRIORITY APPLN. INFO.:			US 2003-408723	A 20030407
			US 2003-461006P	P 20030407
			US 2003-474562P	P 20030530
			US 2001-299991P	P 20010621 <--
			US 2002-176235	A2 20020620 <--
			US 2004-819901	B1 20040407
			WO 2004-US10675	W 20040407
AB	The present invention is directed to methods and compns. for augmenting treatment of cancers and other proliferative disorders. In particular embodiments, the invention combines the administration of an agent that inhibits the anti-apoptotic activity of galectin-3 (e.g., a 'galectin-3 inhibitor') so as to potentiate the toxicity of a chemotherapeutic agent. In certain preferred embodiments, the conjoint therapies of the present			

invention can be used to improve the efficacy of those chemotherapeutic agents whose cytotoxicity is influenced by the status of an anti-apoptotic Bcl-2 protein for the treated cell. For instance, galectin-3 inhibitors can be administered in combination with a chemotherapeutic agent that interferes with DNA replication fidelity or cell-cycle progression of cells undergoing unwanted proliferation.

IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (composition and uses of galectin antagonists to augment treatment of cancer or other proliferative disorders)  
 RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:100803 CAPLUS

DOCUMENT NUMBER: 140:139483

TITLE: Method for enhancing the effectiveness of therapies of hyperproliferative diseases

INVENTOR(S): Chang, Yan; Sasak, Vodek

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 176,235.  
 CODEN: USXXCO

DOCUMENT TYPE: Patent

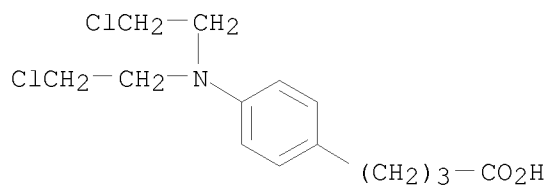
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

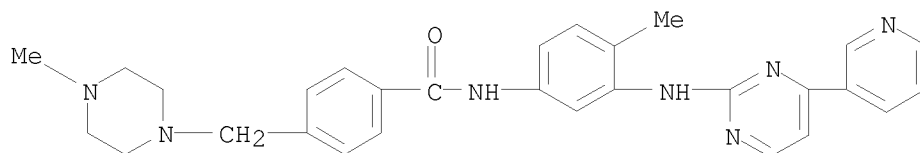
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040023925	A1	20040205	US 2003-408723	20030407 <--
US 20030013681	A1	20030116	US 2002-176235	20020620 <--
US 6680306	B2	20040120		
CN 1543351	A	20041103	CN 2002-816003	20020621 <--
US 20040043962	A1	20040304	US 2003-657383	20030908 <--
AU 2004229399	A1	20041028	AU 2004-229399	20040407

CA 2521649 A1 20041028 CA 2004-2521649 20040407  
WO 2004091634 A1 20041028 WO 2004-US10675 20040407  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG  
EP 1617849 A1 20060125 EP 2004-759200 20040407  
EP 1617849 B1 20080618  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR  
JP 2006522163 T 20060928 JP 2006-509773 20040407  
AT 398458 T 20080715 AT 2004-759200 20040407  
EP 1980257 A1 20081015 EP 2008-10897 20040407  
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LT, LV, MK  
PRIORITY APPLN. INFO.: US 2001-299991P P 20010621 <--  
US 2002-176235 A2 20020620 <--  
US 2003-408723 A 20030407  
US 2003-461006P P 20030407  
US 2003-474562P P 20030530  
EP 2004-759200 A3 20040407  
WO 2004-US10675 W 20040407  
AB The efficacy of conventional cancer therapies such as surgery,  
chemotherapy and radiation is enhanced by the use of a therapeutic  
material which binds to and interacts with galectins. The therapeutic  
material can enhance apoptosis thereby increasing the effectiveness of  
oncolytic agents. It can also inhibit angiogenesis thereby moderating  
tumor growth and/or metastasis.  
IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(method for enhancing effectiveness of therapies of hyperproliferative  
diseases)  
RN 305-03-3 CAPLUS  
CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:912990 CAPLUS

DOCUMENT NUMBER: 139:375014

TITLE: Methods and compositions with N-phenyl-2-pyrimidine compounds inhibiting platelet derived growth factor receptor for the treatment of graft failure

INVENTOR(S): Sukhatme, Vikas P.

PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, USA

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003094904	A1	20031120	WO 2003-US14916	20030513 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003232115	A1	20031111	AU 2003-232115	20030513 <--
CA 2490989	A1	20031120	CA 2003-2490989	20030513 <--
EP 1509219	A1	20050302	EP 2003-750120	20030513 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2005533019	T	20051104	JP 2004-502990	20030513 <--
US 20050261283	A1	20051124	US 2005-514322	20050719 <--
PRIORITY APPLN. INFO.:			US 2002-380180P	P 20020513 <--
			US 2003-464023P	P 20030418
			WO 2003-US14916	W 20030513

OTHER SOURCE(S): MARPAT 139:375014

AB The present invention provides methods and compns. for treating graft failure resulting from neointimal hyperplasia. These methods and compns. feature the use of platelet derived growth factor receptor (PDGFR) inhibitor compds., such as N-phenyl-2-pyrimidine compds. (e.g., imatinib mesylate) to inhibit the biol. activity of the PDGFR and treat AV graft failure. Gleevec and rapamycin inhibited smooth muscle cell migration.

IT 152459-95-5

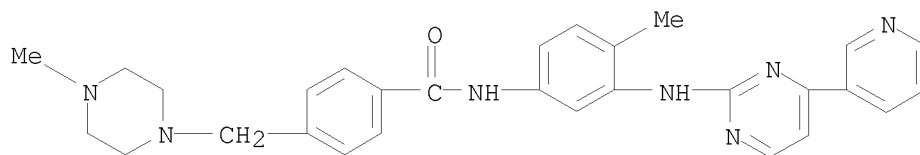
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(N-Ph-2-pyrimidine compds. inhibiting platelet derived growth factor receptor for treatment of graft failure)

RN 152459-95-5 CAPLUS

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-

pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)

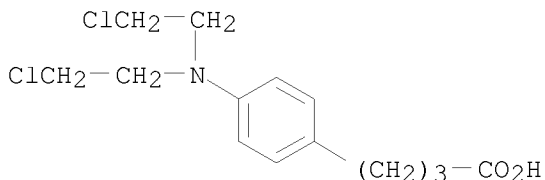


IT 305-03-3, Chlorambucil  
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);  
THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(immunosuppressant, composition further containing; N-Ph-2-pyrimidine  
compds.

inhibiting platelet derived growth factor receptor for treatment of  
graft failure)

RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:892800 CAPLUS

DOCUMENT NUMBER: 139:395950

TITLE: Preparation of substituted pyrazines as protein kinase  
modulators

INVENTOR(S): Buhr, Chris A.; Baik, Tae-Gon; Ma, Sunghoon; Tesfai,  
Zerom; Wang, Longcheng; Co, Erick Wang; Epshteyn,  
Sergey; Kennedy, Abigail R.; Chen, Baili; Dubenko,  
Larisa; Anand, Neel Kumar; Tsang, Tsze H.; Nuss, John  
M.; Peto, Csaba J.; Rice, Kenneth D.; Ibrahim, Mohamed  
Abdulkader; Schnepp, Kevin Luke; Shi, Xian; Leahy,  
James William; Chen, Jeff; Dalrymple, Lisa Esther;  
Forsyth, Timothy Patrick; Huynh, Tai Phat; Mann,  
Grace; Mann, Lary Wayne; Takeuchi, Craig Stacy

PATENT ASSIGNEE(S): Exelixis, Inc., USA

SOURCE: PCT Int. Appl., 468 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

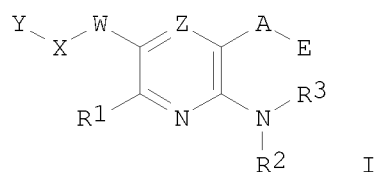
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093297	A2	20031113	WO 2003-US13869	20030502 <--
WO 2003093297	A3	20040701		

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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,  
 TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 CA 2484209 A1 20031113 CA 2003-2484209 20030502 <--  
 AU 2003234464 A1 20031117 AU 2003-234464 20030502 <--  
 EP 1501514 A2 20050202 EP 2003-728690 20030502 <--  
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 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 JP 2005530760 T 20051013 JP 2004-501436 20030502 <--  
 US 20060211709 A1 20060921 US 2005-513081 20050727 <--  
 PRIORITY APPLN. INFO.: US 2002-377933P P 20020503 <--  
 WO 2003-US13869 W 20030502  
 OTHER SOURCE(S): MARPAT 139:395950  
 GI

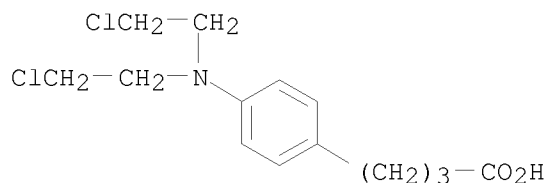


AB This invention relates to compds. I [R1 = H, halo, CN, etc.; R2, R3 = H, alkyl, aryl, etc.; R4 = H, alkyl, aryl, etc.; Z = N, CH; A = CO, CS, C(:NR6), R7 (when A = R7, E does not exist); R6 = H, NO2, CN, etc.; R7 = (un)substituted 5-7 membered heterocyclyl; E = NR8R9, NNR2R3, OR4, etc.; R8 = H, alkyl; R9 = H, heteroarylalkyl, etc.; NR8R9 = (un)substituted 5-7 membered heteroalicyclyl; W = 6-10 membered arylene, 5-10 membered heteroarylene; X = a bond, (un)substituted alkylene, O(CH2)2-30, etc.; Y = H, alkyl, aryl, etc.; with provisos] for modulating protein kinase enzymic activity for modulating cellular activities such as proliferation, differentiation, programmed cell death, migration and chemoinvasion, and to pharmaceutical compns. containing such compds. Even more specifically, the invention relates to compds. I that inhibit, regulate and/or modulate kinases, particularly Checkpoint Kinases, even more particularly Checkpoint Kinase 1, or Chk1. Preparation of representative compds. I is described. Thus, amidation of 3-amino-6-phenylpyrazinecarboxylic acid (preparation given) with benzylamine afforded 67% 3-amino-6-phenyl-N-(phenylmethyl)pyrazine-2-carboxamide which showed IC50 of 10,000 nM or greater against Chk1. Table presenting activity data with respect to Chk1 for over 1000 compds. I is given. Methods of therapeutically or prophylactically using the compds. I and compns. to treat kinase-dependent diseases and conditions are also an aspect of the invention, and include methods of treating cancer, as well as other disease states associated with unwanted angiogenesis and/or cellular proliferation, by administering effective amts. of such compds.

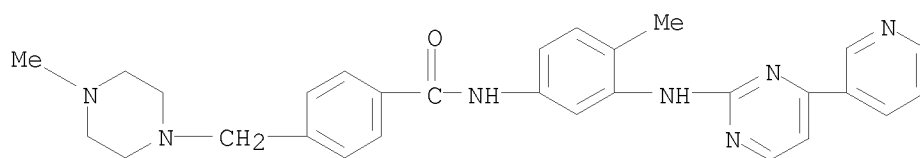
IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (preparation of substituted pyrazines as protein kinase modulators for use in combination with other cancer therapeutic agents)

RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)





RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 8 OF 12 USPATFULL on STN  
 ACCESSION NUMBER: 2007:83360 USPATFULL  
 TITLE: Bile preparations for colorectal disorders  
 INVENTOR(S): Yoo, Seo Hong, Wyckoff, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070072828	A1	20070329
APPLICATION INFO.:	US 2006-522162	A1	20060915 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-778154, filed on 5 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1999-357549, filed on 20 Jul 1999, GRANTED, Pat. No. US 6251428 Continuation-in-part of Ser. No. US 2004-996945, filed on 24 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2001-778154, filed on 5 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1999-357549, filed on 20 Jul 1999, GRANTED, Pat. No. US 6251428		

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-180268P	20000204 (60)	<--
	US 1998-94069P	19980724 (60)	<--
	US 2000-180268P	20000204 (60)	<--
	US 1998-94069P	19980724 (60)	<--

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: BAKER BOTTS L.L.P., PATENT DEPARTMENT, 98 SAN JACINTO BLVD., SUITE 1500, AUSTIN, TX, 78701-4039, US

NUMBER OF CLAIMS: 45  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 7 Drawing Page(s)  
 LINE COUNT: 1675

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present disclosure relates to methods and compositions to ameliorate or treat at least one symptom of colorectal cancer and/or adenomatous polyposis coli (APC). For example, some embodiments of the methods and compositions may reduce recurrence of colorectal adenomas and/or extend the life of a subject having colorectal cancer and/or APC. Some

embodiments of the disclosure include maintaining a the total body weight in a subject having colorectal cancer and/or APC. According to some embodiments, a method of the disclosure may include administering a bile acid composition to a subject. A bile acid composition may include, in some embodiments, an aqueous solution that is free or substantially free of precipitates or particles. A aqueous solution may include (1) a bile acid, an aqueous soluble derivative of a bile acid, a bile acid salt, and/or 7-ketolithocholic acid, (2) a carbohydrate, and (3) water. An aqueous composition may further include an alkali.

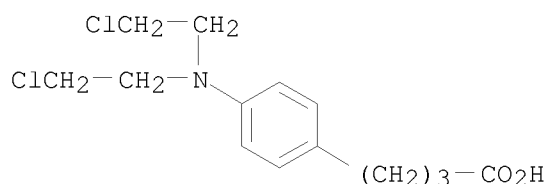
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 305-03-3, Chlorambucil 152459-95-5, Imatinib

(bile preps. for colorectal disorders)

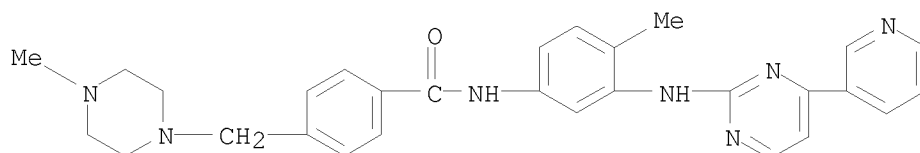
RN 305-03-3 USPATFULL

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 USPATFULL

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



=> d 14 1-12 ibib, abs, hitstr

L4 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:359020 CAPLUS

DOCUMENT NUMBER: 146:330827

TITLE: Bile preparations for colorectal disorders

INVENTOR(S): Yoo, Seo Hong

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 24pp., Cont.-in-part of U.S. Ser. No. 996,945.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070072828	A1	20070329	US 2006-522162	20060915 <--
US 6251428	B1	20010626	US 1999-357549	19990720 <--
US 20020031558	A1	20020314	US 2001-778154	20010205 <--
US 7303768	B2	20071204		

US 20050158408	A1	20050721	US 2004-996945	20041124 <--
AU 2004325203	A1	20060601	AU 2004-325203	20041124
CA 2588168	A1	20060601	CA 2004-2588168	20041124
EP 1819318	A1	20070822	EP 2004-812094	20041124
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101065110	A	20071031	CN 2004-80044467	20041124
BR 2004019213	A	20071218	BR 2004-19213	20041124
JP 2008521800	T	20080626	JP 2007-543006	20041124
AU 2006203315	A1	20060824	AU 2006-203315	20060803 <--
AU 2006203315	B2	20080828		
IN 2007CN02532	A	20070907	IN 2007-CN2532	20070612
KR 2007098821	A	20071005	KR 2007-714361	20070622

PRIORITY APPLN. INFO.:

US 1998-94069P	P	19980724 <--
US 1999-357549	A2	19990720 <--
US 2000-180268P	P	20000204 <--
US 2001-778154	A2	20010205 <--
US 2004-996945	A2	20041124
AU 2001-236685	A3	20010205 <--
WO 2004-US39507	A	20041124

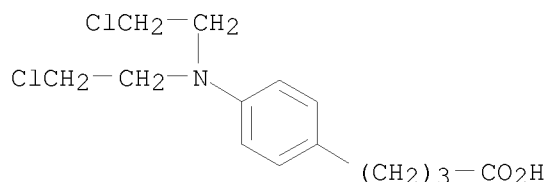
AB The present disclosure relates to methods and compns. to ameliorate or treat at least one symptom of colorectal cancer and/or adenomatous polyposis coli (APC). For example, some embodiments of the methods and compns. may reduce recurrence of colorectal adenomas and/or extend the life of a subject having colorectal cancer and/or APC. Some embodiments of the disclosure include maintaining a the total body weight in a subject having colorectal cancer and/or APC. According to some embodiments, a method of the disclosure may include administering a bile acid composition to a subject. A bile acid composition may include, in some embodiments, an aqueous solution that is free or substantially free of ppts. or particles. A aqueous solution may include (1) a bile acid, an aqueous soluble derivative of a bile acid, a

bile acid salt, and/or 7-ketolithocholic acid, (2) a carbohydrate, and (3) water. An aqueous composition may further include an alkali.

IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (bile preps. for colorectal disorders)

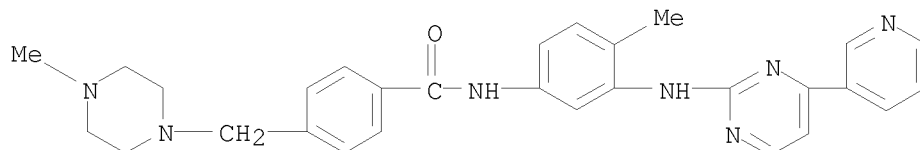
RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1311702 CAPLUS

DOCUMENT NUMBER: 144:57525

TITLE: Coated vaginal devices for vaginal delivery of therapeutically effective and/or health-promoting agents

INVENTOR(S): Wilson, Michelle; Desai, Kishorkumar J.; Pauletti, Giovanni M.; Antoon, Mitchell K.; Clendening, Chris E.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 126,863

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 12

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050276836	A1	20051215	US 2005-180076	20050712 <--
US 6197327	B1	20010306	US 1998-79897	19980515 <--
US 6086909	A	20000711	US 1999-249963	19990212 <--
US 6572874	B1	20030603	US 2000-626025	20000727 <--
NZ 508130	A	20020301	NZ 2000-508130	20001113 <--
AU 765269	B2	20030911	AU 2001-54192	20010703 <--
US 20030049302	A1	20030313	US 2002-226667	20020821 <--
US 6982091	B2	20060103		
US 20040005345	A1	20040108	US 2003-349029	20030122 <--
US 6905701	B2	20050614		
US 20040043071	A1	20040304	US 2003-600849	20030620 <--
US 20050249774	A1	20051110	US 2005-126863	20050510 <--
PRIORITY APPLN. INFO.:			US 1997-49325P	P 19970611 <--
			US 1998-79897	A2 19980515 <--
			US 1999-249963	A2 19990212 <--
			US 2000-626025	A2 20000727 <--
			US 2002-226667	A2 20020821 <--
			US 2003-349029	A2 20030122
			US 2003-600849	A2 20030620
			US 2004-587454P	P 20040712
			US 2005-126863	A2 20050510
			AU 1998-76976	A3 19980610 <--
			NZ 1998-502120	A1 19980610 <--
			US 1999-146218P	P 19990728 <--
			US 2001-315877P	P 20010829 <--
			US 2002-390748P	P 20020621 <--

AB Disclosed is a vaginal device for delivering therapeutical and/or health-promoting agents. The vaginal device partly or completely coated by, covered by or combined with a coating or covering comprising a film, foam, strip, cap, cup or particles. The coating of the device comprises a mucoadhesive composition comprising a therapeutical and/or health-promoting agent. For example, sumatriptan vaginal suppository were prepared from Suppocire AS2X, hydroxypropyl Me cellulose as a mucoadhesive agent, and Transcutol as a permeation enhancer.

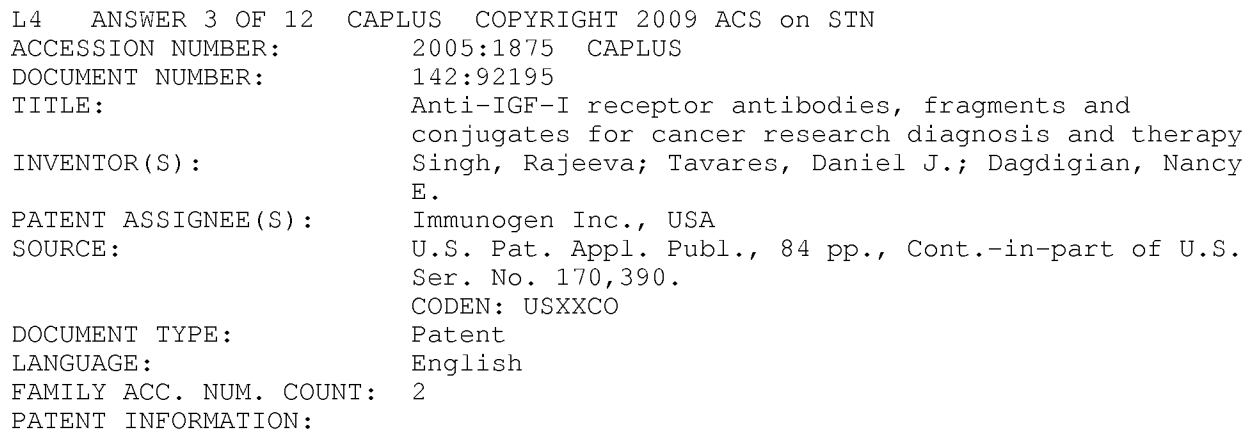
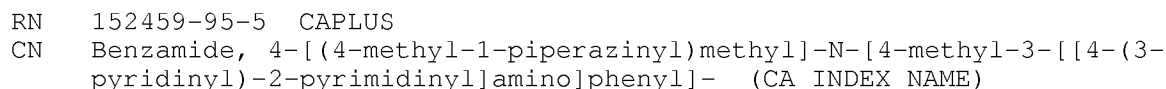
IT 305-03-3, Chlorambucil 152459-95-5, Imatinib

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(coated vaginal devices for vaginal delivery of therapeutically effective and/or health-promoting agents)

RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040265307	A1	20041230	US 2003-729441	20031208 <--
US 20030235582	A1	20031225	US 2002-170390	20020614
CN 1678633	A	20051005	CN 2003-813742	20030612 <--
SG 141243	A1	20080428	SG 2006-2077	20030612 <--
US 20050186203	A1	20050825	US 2004-897406	20040723 <--
US 20050249728	A1	20051110	US 2004-932334	20040902 <--
AU 2004303792	A1	20050707	AU 2004-303792	20041207
CA 2548065	A1	20050707	CA 2004-2548065	20041207
WO 2005061541	A1	20050707	WO 2004-US38230	20041207 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1692176	A1	20060823	EP 2004-811082	20041207

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, TR, BG, CZ, EE, HU, PL, SK, BA,  
HR, IS, YU

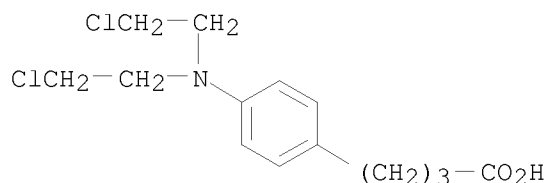
CN 1886424	A	20061227	CN 2004-80034889	20041207
BR 2004017406	A	20070403	BR 2004-17406	20041207
JP 2008502589	T	20080131	JP 2006-543832	20041207
MX 2006005540	A	20060817	MX 2006-5540	20060516
KR 2007001883	A	20070104	KR 2006-710010	20060523
NO 2006003155	A	20060811	NO 2006-3155	20060707
IN 2006MN00795	A	20070511	IN 2006-MN795	20060707
PRIORITY APPLN. INFO.:			US 2002-170390	A2 20020614 <--
			US 2003-729441	A1 20031208
			WO 2004-US38230	W 20041207

AB Antibodies, humanized antibodies, resurfaced antibodies, antibody fragments, derivatized antibodies, and conjugates of same with cytotoxic agents, which specifically bind to, and inhibit, insulin-like growth factor-I receptor, antagonize the effects of IGF-I, IGF-II and serum on the growth and survival of tumor cells, and which are substantially devoid of agonist activity. Said antibodies and fragments thereof may be used, optionally in conjunction with other therapeutic agents, in the treatment of tumors that express elevated levels of IGF-I receptor, such as breast cancer, colon cancer, lung cancer, ovarian carcinoma, synovial sarcoma, prostate cancer and pancreatic cancer, and said derivatized antibodies may be used in the diagnosis and imaging of tumors that express elevated levels of IGF-1 receptor.

IT 305-03-3D, Chlorambucil, antibody conjugates 152459-95-5D  
, Imatinib, antibody conjugates  
RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(anti-IGF-I receptor antibodies, fragments and conjugates for cancer research diagnosis and therapy)

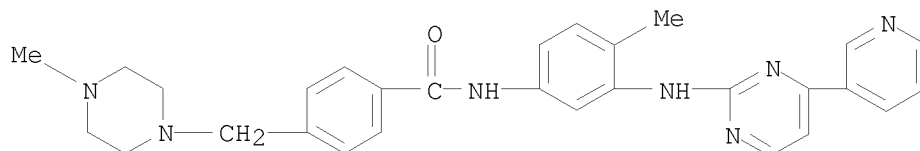
RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:902199 CAPLUS

DOCUMENT NUMBER: 141:374704

TITLE: Composition and uses of galectin antagonists to  
augment treatment of cancer or other proliferative

INVENTOR(S): disorders  
 Chang, Yan; Sasak, Vodek  
 PATENT ASSIGNEE(S): Glycogenesys, Inc., USA  
 SOURCE: PCT Int. Appl., 51 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004091634	A1	20041028	WO 2004-US10675	20040407
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US 20040023925	A1	20040205	US 2003-408723	20030407 <--
AU 2004229399	A1	20041028	AU 2004-229399	20040407
CA 2521649	A1	20041028	CA 2004-2521649	20040407
US 20040223971	A1	20041111	US 2004-819901	20040407
EP 1617849	A1	20060125	EP 2004-759200	20040407
EP 1617849	B1	20080618		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2006522163	T	20060928	JP 2006-509773	20040407
US 20080089959	A1	20080417	US 2007-803150	20070511

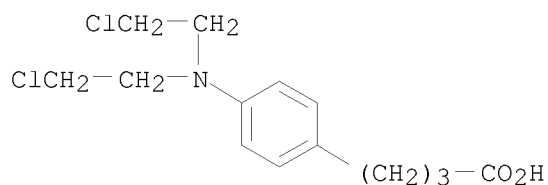
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US 2003-408723	A	20030407
US 2003-461006P	P	20030407
US 2003-474562P	P	20030530
US 2001-299991P	P	20010621 <--
US 2002-176235	A2	20020620 <--
US 2004-819901	B1	20040407
WO 2004-US10675	W	20040407

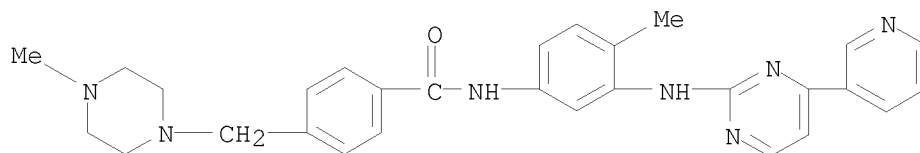
AB The present invention is directed to methods and compns. for augmenting treatment of cancers and other proliferative disorders. In particular embodiments, the invention combines the administration of an agent that inhibits the anti-apoptotic activity of galectin-3 (e.g., a 'galectin-3 inhibitor') so as to potentiate the toxicity of a chemotherapeutic agent. In certain preferred embodiments, the conjoint therapies of the present invention can be used to improve the efficacy of those chemotherapeutic agents whose cytotoxicity is influenced by the status of an anti-apoptotic Bcl-2 protein for the treated cell. For instance, galectin-3 inhibitors can be administered in combination with a chemotherapeutic agent that interferes with DNA replication fidelity or cell-cycle progression of cells undergoing unwanted proliferation.

IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (composition and uses of galectin antagonists to augment treatment of cancer or other proliferative disorders)

RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

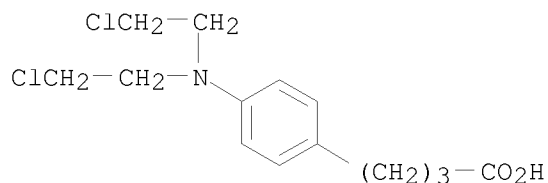
L4 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2004:100803 CAPLUS  
 DOCUMENT NUMBER: 140:139483  
 TITLE: Method for enhancing the effectiveness of therapies of hyperproliferative diseases  
 INVENTOR(S): Chang, Yan; Sasak, Vodek  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 176,235.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040023925	A1	20040205	US 2003-408723	20030407 <--
US 20030013681	A1	20030116	US 2002-176235	20020620 <--
US 6680306	B2	20040120		
CN 1543351	A	20041103	CN 2002-816003	20020621 <--
US 20040043962	A1	20040304	US 2003-657383	20030908 <--
AU 2004229399	A1	20041028	AU 2004-229399	20040407
CA 2521649	A1	20041028	CA 2004-2521649	20040407
WO 2004091634	A1	20041028	WO 2004-US10675	20040407
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EP 1617849	A1	20060125	EP 2004-759200	20040407
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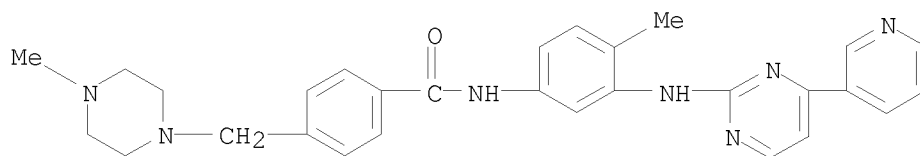


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 JP 2006522163 T 20060928 JP 2006-509773 20040407  
 AT 398458 T 20080715 AT 2004-759200 20040407  
 EP 1980257 A1 20081015 EP 2008-10897 20040407  
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 PRIORITY APPLN. INFO.: US 2001-299991P P 20010621 <--  
 US 2002-176235 A2 20020620 <--  
 US 2003-408723 A 20030407  
 US 2003-461006P P 20030407  
 US 2003-474562P P 20030530  
 EP 2004-759200 A3 20040407  
 WO 2004-US10675 W 20040407

AB The efficacy of conventional cancer therapies such as surgery, chemotherapy and radiation is enhanced by the use of a therapeutic material which binds to and interacts with galectins. The therapeutic material can enhance apoptosis thereby increasing the effectiveness of oncolytic agents. It can also inhibit angiogenesis thereby moderating tumor growth and/or metastasis.  
 IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (method for enhancing effectiveness of therapies of hyperproliferative diseases)  
 RN 305-03-3 CAPLUS  
 CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 CAPLUS  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2003:912990 CAPLUS  
 DOCUMENT NUMBER: 139:375014  
 TITLE: Methods and compositions with N-phenyl-2-pyrimidine compounds inhibiting platelet derived growth factor receptor for the treatment of graft failure  
 INVENTOR(S): Sukhatme, Vikas P.  
 PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, USA  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent

LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003094904	A1	20031120	WO 2003-US14916	20030513 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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JP 2005533019	T	20051104	JP 2004-502990	20030513 <--
US 20050261283	A1	20051124	US 2005-514322	20050719 <--
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			WO 2003-US14916	W 20030513

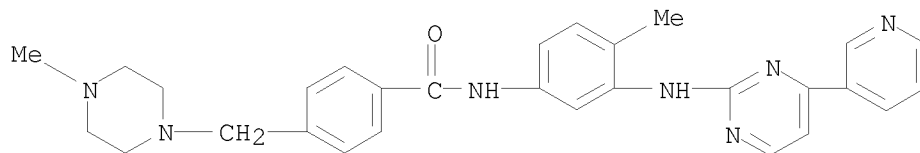
OTHER SOURCE(S): MARPAT 139:375014

AB The present invention provides methods and compns. for treating graft failure resulting from neointimal hyperplasia. These methods and compns. feature the use of platelet derived growth factor receptor (PDGFR) inhibitor compds., such as N-phenyl-2-pyrimidine compds. (e.g., imatinib mesylate) to inhibit the biol. activity of the PDGFR and treat AV graft failure. Gleevec and rapamycin inhibited smooth muscle cell migration.

IT 152459-95-5  
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (N-Ph-2-pyrimidine compds. inhibiting platelet derived growth factor receptor for treatment of graft failure)

RN 152459-95-5 CAPLUS

CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



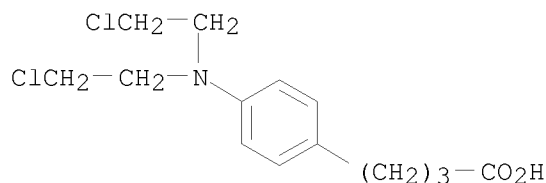
IT 305-03-3, Chlorambucil

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (immunosuppressant, composition further containing; N-Ph-2-pyrimidine compds.

inhibiting platelet derived growth factor receptor for treatment of graft failure)

RN 305-03-3 CAPLUS

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:892800 CAPLUS

DOCUMENT NUMBER: 139:395950

TITLE: Preparation of substituted pyrazines as protein kinase modulators

INVENTOR(S): Buhr, Chris A.; Baik, Tae-Gon; Ma, Sunghoon; Tesfai, Zerom; Wang, Longcheng; Co, Erick Wang; Epshteyn, Sergey; Kennedy, Abigail R.; Chen, Baili; Dubenko, Larisa; Anand, Neel Kumar; Tsang, Tsze H.; Nuss, John M.; Peto, Csaba J.; Rice, Kenneth D.; Ibrahim, Mohamed Abdulkader; Schnepf, Kevin Luke; Shi, Xian; Leahy, James William; Chen, Jeff; Dalrymple, Lisa Esther; Forsyth, Timothy Patrick; Huynh, Tai Phat; Mann, Grace; Mann, Lary Wayne; Takeuchi, Craig Stacy

PATENT ASSIGNEE(S): Exelixis, Inc., USA

SOURCE: PCT Int. Appl., 468 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

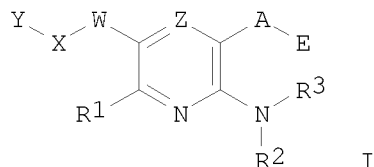
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

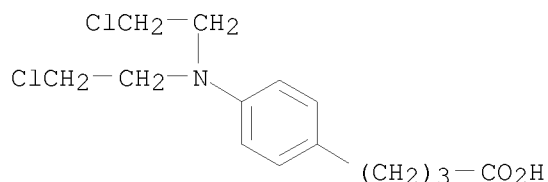
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093297	A2	20031113	WO 2003-US13869	20030502 <--
WO 2003093297	A3	20040701		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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AU 2003234464	A1	20031117	AU 2003-234464	20030502 <--
EP 1501514	A2	20050202	EP 2003-728690	20030502 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 2005530760	T	20051013	JP 2004-501436	20030502 <--
US 20060211709	A1	20060921	US 2005-513081	20050727 <--
PRIORITY APPLN. INFO.:			US 2002-377933P	P 20020503 <--
			WO 2003-US13869	W 20030502

OTHER SOURCE(S): MARPAT 139:395950

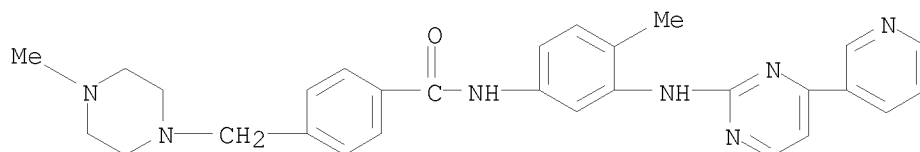
GI



- AB This invention relates to compds. I [R1 = H, halo, CN, etc.; R2, R3 = H, alkyl, aryl, etc.; R4 = H, alkyl, aryl, etc.; Z = N, CH; A = CO, CS, C(:NR6), R7 (when A = R7, E does not exist); R6 = H, NO2, CN, etc.; R7 = (un)substituted 5-7 membered heterocyclyl; E = NR8R9, NNR2R3, OR4, etc.; R8 = H, alkyl; R9 = H, heteroarylalkyl, etc.; NR8R9 = (un)substituted 5-7 membered heteroalicyclyl; W = 6-10 membered arylene, 5-10 membered heteroarylene; X = a bond, (un)substituted alkylene, O(CH2)2-30, etc.; Y = H, alkyl, aryl, etc.; with provisos] for modulating protein kinase enzymic activity for modulating cellular activities such as proliferation, differentiation, programmed cell death, migration and chemoinvasion, and to pharmaceutical compns. containing such compds. Even more specifically, the invention relates to compds. I that inhibit, regulate and/or modulate kinases, particularly Checkpoint Kinases, even more particularly Checkpoint Kinase 1, or Chk1. Preparation of representative compds. I is described. Thus, amidation of 3-amino-6-phenylpyrazinecarboxylic acid (preparation given) with benzylamine afforded 67% 3-amino-6-phenyl-N-(phenylmethyl)pyrazine-2-carboxamide which showed IC50 of 10,000 nM or greater against Chk1. Table presenting activity data with respect to Chk1 for over 1000 compds. I is given. Methods of therapeutically or prophylactically using the compds. I and compns. to treat kinase-dependent diseases and conditions are also an aspect of the invention, and include methods of treating cancer, as well as other disease states associated with unwanted angiogenesis and/or cellular proliferation, by administering effective amts. of such compds.
- IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (preparation of substituted pyrazines as protein kinase modulators for use in combination with other cancer therapeutic agents)
- RN 305-03-3 CAPLUS
- CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



- RN 152459-95-5 CAPLUS
- CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



L4 ANSWER 8 OF 12 USPATFULL on STN

ACCESSION NUMBER: 2007:83360 USPATFULL  
TITLE: Bile preparations for colorectal disorders  
INVENTOR(S): Yoo, Seo Hong, Wyckoff, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070072828	A1	20070329
APPLICATION INFO.:	US 2006-522162	A1	20060915 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-778154, filed on 5 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1999-357549, filed on 20 Jul 1999, GRANTED, Pat. No. US 6251428 Continuation-in-part of Ser. No. US 2004-996945, filed on 24 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2001-778154, filed on 5 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1999-357549, filed on 20 Jul 1999, GRANTED, Pat. No. US 6251428		

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2000-180268P	20000204 (60)	<--
	US 1998-94069P	19980724 (60)	<--
	US 2000-180268P	20000204 (60)	<--
	US 1998-94069P	19980724 (60)	<--

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: BAKER BOTTS L.L.P., PATENT DEPARTMENT, 98 SAN JACINTO BLVD., SUITE 1500, AUSTIN, TX, 78701-4039, US  
NUMBER OF CLAIMS: 45  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 7 Drawing Page(s)  
LINE COUNT: 1675

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

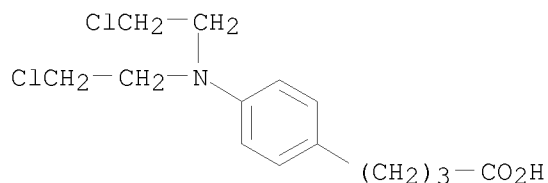
AB The present disclosure relates to methods and compositions to ameliorate or treat at least one symptom of colorectal cancer and/or adenomatous polyposis coli (APC). For example, some embodiments of the methods and compositions may reduce recurrence of colorectal adenomas and/or extend the life of a subject having colorectal cancer and/or APC. Some embodiments of the disclosure include maintaining a the total body weight in a subject having colorectal cancer and/or APC. According to some embodiments, a method of the disclosure may include administering a bile acid composition to a subject. A bile acid composition may include, in some embodiments, an aqueous solution that is free or substantially free of precipitates or particles. A aqueous solution may include (1) a bile acid, an aqueous soluble derivative of a bile acid, a bile acid salt, and/or 7-ketolithocholic acid, (2) a carbohydrate, and (3) water. An aqueous composition may further include an alkali.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

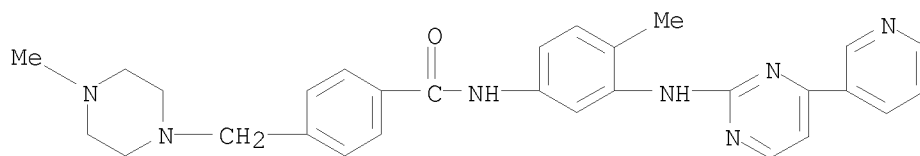
IT 305-03-3, Chlorambucil 152459-95-5, Imatinib  
(bile preps. for colorectal disorders)

RN 305-03-3 USPATFULL

CN Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- (CA INDEX NAME)



RN 152459-95-5 USPATFULL  
 CN Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]- (CA INDEX NAME)



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 L5 43 L1 AND "NITROGEN MUSTARD"

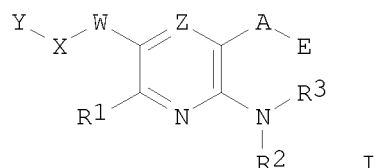
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=> d l6 1-3 ibib, abs

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2003:892800 CAPLUS  
 DOCUMENT NUMBER: 139:395950  
 TITLE: Preparation of substituted pyrazines as protein kinase modulators  
 INVENTOR(S): Buhr, Chris A.; Baik, Tae-Gon; Ma, Sunghoon; Tesfai, Zerom; Wang, Longcheng; Co, Erick Wang; Epshteyn, Sergey; Kennedy, Abigail R.; Chen, Baili; Dubenko, Larisa; Anand, Neel Kumar; Tsang, Tsze H.; Nuss, John M.; Peto, Csaba J.; Rice, Kenneth D.; Ibrahim, Mohamed Abdulkader; Schnepf, Kevin Luke; Shi, Xian; Leahy, James William; Chen, Jeff; Dalrymple, Lisa Esther; Forsyth, Timothy Patrick; Huynh, Tai Phat; Mann, Grace; Mann, Lary Wayne; Takeuchi, Craig Stacy  
 PATENT ASSIGNEE(S): Exelixis, Inc., USA  
 SOURCE: PCT Int. Appl., 468 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093297	A2	20031113	WO 2003-US13869	20030502 <--
WO 2003093297	A3	20040701		
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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
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TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
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CA 2484209 A1 20031113 CA 2003-2484209 20030502 <--  
AU 2003234464 A1 20031117 AU 2003-234464 20030502 <--  
EP 1501514 A2 20050202 EP 2003-728690 20030502 <--  
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
JP 2005530760 T 20051013 JP 2004-501436 20030502 <--  
US 20060211709 A1 20060921 US 2005-513081 20050727 <--  
PRIORITY APPLN. INFO.: US 2002-377933P P 20020503 <--  
WO 2003-US13869 W 20030502  
OTHER SOURCE(S): MARPAT 139:395950  
GI



AB This invention relates to compds. I [R1 = H, halo, CN, etc.; R2, R3 = H, alkyl, aryl, etc.; R4 = H, alkyl, aryl, etc.; Z = N, CH; A = CO, CS, C(:NR6), R7 (when A = R7, E does not exist); R6 = H, NO2, CN, etc.; R7 = (un)substituted 5-7 membered heterocyclcyl; E = NR8R9, NNR2R3, OR4, etc.; R8 = H, alkyl; R9 = H, heteroarylalkyl, etc.; NR8R9 = (un)substituted 5-7 membered heteroalicyclcyl; W = 6-10 membered arylene, 5-10 membered heteroarylene; X = a bond, (un)substituted alkylene, O(CH2)2-30, etc.; Y = H, alkyl, aryl, etc.; with provisos] for modulating protein kinase enzymic activity for modulating cellular activities such as proliferation, differentiation, programmed cell death, migration and chemoinvasion, and to pharmaceutical compns. containing such compds. Even more specifically, the invention relates to compds. I that inhibit, regulate and/or modulate kinases, particularly Checkpoint Kinases, even more particularly Checkpoint Kinase 1, or Chk1. Preparation of representative compds. I is described. Thus, amidation of 3-amino-6-phenylpyrazinecarboxylic acid (preparation given) with benzylamine afforded 67% 3-amino-6-phenyl-N-(phenylmethyl)pyrazine-2-carboxamide which showed IC50 of 10,000 nM or greater against Chk1. Table presenting activity data with respect to Chk1 for over 1000 compds. I is given. Methods of therapeutically or prophylactically using the compds. I and compns. to treat kinase-dependent diseases and conditions are also an aspect of the invention, and include methods of treating cancer, as well as other disease states associated with unwanted angiogenesis and/or cellular proliferation, by administering effective amts. of such compds.

L6 ANSWER 2 OF 3 USPATFULL on STN  
ACCESSION NUMBER: 2006:248314 USPATFULL  
TITLE: Protein kinase modulators and methods of use  
INVENTOR(S): Buhr, Chris A., Redwood City, CA, UNITED STATES

Baik, Tae-Gon, Foster City, CA, UNITED STATES  
 Ma, Sunghoon, Foster City, CA, UNITED STATES  
 Tesfai, Zerom, San Leandro, CA, UNITED STATES  
 Wang, Longcheng, South San Francisco, CA, UNITED STATES  
 Co, Erick Wang, Redwood City, CA, UNITED STATES  
 Epshteyn, Sergey, Fremont, CA, UNITED STATES  
 Kennedy, Abigail R., San Leandro, CA, UNITED STATES  
 Chen, Baili, Palo Alto, CA, UNITED STATES  
 Dubenko, Larisa, San Francisco, CA, UNITED STATES  
 Anand, Neel Kumar, Burlingame, CA, UNITED STATES  
 Tsang, Tsze H., El Cerrito, CA, UNITED STATES  
 Nuss, John M., Danville, CA, UNITED STATES  
 Peto, Csabaj, Alameda, CA, UNITED STATES  
 Rice, Kenneth D., Mill Valley, CA, UNITED STATES  
 Ibrahim, Mohamed Abdulkader, Mountain View, CA, UNITED STATES  
 Shi, Xian, San Bruno, CA, UNITED STATES  
 Leahy, James William, San Leandro, CA, UNITED STATES  
 Chen, Jeff, San Francisco, CA, UNITED STATES  
 Dalrymple, Lisa Esther, San Francisco, CA, UNITED STATES  
 Forsyth, Timothy Patrick, Hayward, CA, UNITED STATES  
 Huynh, Tai Phat, Oakland, CA, UNITED STATES  
 Mann, Grace, Brisbane, CA, UNITED STATES  
 Mann, Larry Wayne, Redwood City, CA, UNITED STATES  
 Takeuchi, Craig Stacy, Burlingame, CA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20060211709	A1	20060921	
APPLICATION INFO.:	US 2003-513081	A1	20030502	(10)
	WO 2003-US13869		20030502	
			20050727	PCT 371 date

	NUMBER	DATE	
PRIORITY INFORMATION:	DE 2003-103	20030109	
	US 2002-377933P	20020503	(60) <--
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP, 300 S. WACKER DRIVE, 32ND FLOOR, CHICAGO, IL, 60606, US		
NUMBER OF CLAIMS:	56		
EXEMPLARY CLAIM:	1		
LINE COUNT:	18707		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Substituted aryl 1,4-pyrazine derivatives and their use in treating anxiety disorders, depression and stress related disorders are disclosed.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 3 USPATFULL on STN  
 ACCESSION NUMBER: 2004:165980 USPATFULL  
 TITLE: Methods and compositions for the prevention or treatment of neoplasia comprising a Cox-2 inhibitor in combination with an epidermal growth factor receptor antagonist  
 INVENTOR(S): Masferrer, Jaime, Ballwin, MO, UNITED STATES  
 PATENT ASSIGNEE(S): Pharmacia Corporation, St. Louis, MO, UNITED STATES (U.S. corporation)



	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20040127470	A1	20040701
APPLICATION INFO.:	US 2003-651916	A1	20030829 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-470951, filed on 22 Dec 1999, ABANDONED		

	NUMBER	DATE	
PRIORITY INFORMATION:	US 1998-113786P	19981223 (60)	<--
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Charles E. Dunlap, Nelson Mullins Riley & Scarborough, LLP, P.O. Box 11070, Columbia, SC, 29211-1070		
NUMBER OF CLAIMS:	34		
EXEMPLARY CLAIM:	1		
LINE COUNT:	8937		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a novel method of preventing and/or treating neoplasia disorders in a subject that is in need of such prevention or treatment by administering to the subject at least one Cox-2 inhibitor in combination with an EGF receptor antagonist. Compositions, pharmaceutical compositions and kits are also described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

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FILE 'REGISTRY' ENTERED AT 14:02:09 ON 14 APR 2009

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	E "IMATINIB"/CN 25
	E "CHLORAMBUCIL"/CN 25
L2	1 S E3

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L6	3 S L5 AND (PRD<20021112 OR PD<20021112)

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Executing the logoff script...

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

CA SUBSCRIBER PRICE

ENTRY	SESSION
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